



**KURT GÖDEL RESEARCH CENTER FOR
MATHEMATICAL LOGIC**

UNIVERSITÄT WIEN

1090 WIEN, WÄHRINGER STRASSE 25

O.UNIV.-PROF. DR. SY-DAVID FRIEDMAN



INVITATION

**TIN LOK WONG
(KGRC)**

ACT FORCING

Abstract:

ACT stands for "Arithmetized Completeness Theorem". The usual proof of Gödel's Completeness Theorem for first-order logic is evidently a forcing-style construction. In many applications, such a construction can easily be transformed into a (complicated perhaps, but natural) recursive construction. I will talk about one example for which this is not the case in the model theory of arithmetic.

THURSDAY, NOVEMBER 24, 2016

Tea at 3:30pm in the KGRC meeting room (room 104)

Talk at 4:00pm in the KGRC lecture room (room 101)

GÖDEL RESEARCH CENTER

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